SEQUENCE LISTING

<110> Segal, Don
McElroy, Jerry
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Wong, Wah
Docherty, John
Dickstein, Jodi

<120> Method and Composition for Inhibiting
Cancer Cell Growth

<130> 54800-8023.US00

<140> Not Yet Assigned
<141> Filed Herewith

<150> US 60/397,244
<151> 2002-07-18

<160> 7

<170> FastSEQ for Windows Version 4.0

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<212> PRT
<213> Artificial Sequence

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1 5 10 15
Ser Ala Leu Glu Lys Glu Val Ser Ala Leu Glu Lys Glu Val Ser Ala
20 25 30
Leu Glu Lys
35

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Lys Val Ser Ala Leu Lys Glu Lys Val Ser Ala Leu Lys Glu Lys Val
1 5 10 15
Ser Ala Leu Lys Glu Lys Val Ser Ala Leu Lys Glu Lys Val Ser Ala
20 25 30
Leu Lys Glu
35

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<220>
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Glu Val Glu Ala Leu Gln Lys Glu Val Ser Ala Leu Glu Lys Glu Val
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Ser Ala Leu Glu Cys Glu Val Ser Ala Leu Glu Lys Glu Val Glu Ala
            20   25   30
Leu Gln Lys
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Lys Val Glu Ala Leu Lys Lys Lys Val Ser Ala Leu Lys Glu Lys Val
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Ser Ala Leu Lys Cys Lys Val Ser Ala Leu Lys Glu Lys Val Glu Ala
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Leu Lys Lys
        35

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Lys Val Ser Ala Leu Lys Glu
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<210> 6
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<400> 6
Glu Val Ser Ala Leu Glu Lys
 1   5

<210> 7
<211> 840
<212> PRT
<213> Canavalia ensiformis

<400> 7
Met Lys Leu Ser Pro Arg Glu Val Glu Lys Leu Gly Leu His Asn Ala
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Gly Tyr Leu Ala Gln Lys Arg Leu Ala Arg Gly Val Arg Leu Asn Tyr
            20   25   30
Thr Glu Ala Val Ala Leu Ile Ala Ser Gln Ile Met Glu Tyr Ala Arg
        35   40   45
Asp Gly Glu Lys Thr Val Ala Gln Leu Met Cys Leu Gly Gln His Leu
    50   55   60
Leu Gly Arg Arg Gln Val Leu Pro Ala Val Pro His Leu Leu Asn Ala
65   70   75   80
Val Gln Val Glu Ala Thr Phe Pro Asp Gly Thr Lys Leu Val Thr Val

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                85                  90                  95
His Asp Pro Ile Ser Arg Glu Asn Gly Glu Leu Gln Glu Ala Leu Phe
            100                 105                 110
Gly Ser Leu Leu Pro Val Pro Ser Leu Asp Lys Phe Ala Glu Thr Lys
        115                 120                 125
Glu Asp Asn Arg Ile Pro Gly Glu Ile Leu Cys Glu Asp Glu Cys Leu
    130                 135                 140
Thr Leu Asn Ile Gly Arg Lys Ala Val Ile Leu Lys Val Thr Ser Lys
145                 150                 155                 160
Gly Asp Arg Pro Ile Gln Val Gly Ser His Tyr His Phe Ile Glu Val
                165                 170                 175
Asn Pro Tyr Leu Thr Phe Asp Arg Arg Lys Ala Tyr Gly Met Arg Leu
            180                 185                 190
Asn Ile Ala Ala Gly Thr Ala Val Arg Phe Glu Pro Gly Asp Cys Lys
        195                 200                 205
Ser Val Thr Leu Val Ser Ile Glu Gly Asn Lys Val Ile Arg Gly Gly
    210                 215                 220
Asn Ala Ile Ala Asp Gly Pro Val Asn Glu Thr Asn Leu Glu Ala Ala
225                 230                 235                 240
Met His Ala Val Arg Ser Lys Gly Phe Gly His Glu Glu Glu Lys Asp
                245                 250                 255
Ala Ser Glu Gly Phe Thr Lys Glu Asp Pro Asn Cys Pro Phe Asn Thr
            260                 265                 270
Phe Ile His Arg Lys Glu Tyr Ala Asn Lys Tyr Gly Pro Thr Thr Gly
        275                 280                 285
Asp Lys Ile Arg Leu Gly Asp Thr Asn Leu Leu Ala Glu Ile Glu Lys
    290                 295                 300
Asp Tyr Ala Leu Tyr Gly Asp Glu Cys Val Phe Gly Gly Gly Lys Val
305                 310                 315                 320
Ile Arg Asp Gly Met Gly Gln Ser Cys Gly His Pro Pro Ala Ile Ser
                325                 330                 335
Leu Asp Thr Val Ile Thr Asn Ala Val Ile Ile Asp Tyr Thr Gly Ile
            340                 345                 350
Ile Lys Ala Asp Ile Gly Ile Lys Asp Gly Leu Ile Ala Ser Ile Gly
        355                 360                 365
Lys Ala Gly Asn Pro Asp Ile Met Asn Gly Val Phe Ser Asn Met Ile
    370                 375                 380
Ile Gly Ala Asn Thr Glu Val Ile Ala Gly Glu Gly Leu Ile Val Thr
385                 390                 395                 400
Ala Gly Ala Ile Asp Cys His Val His Tyr Ile Cys Pro Gln Leu Val
                405                 410                 415
Tyr Glu Ala Ile Ser Ser Gly Ile Thr Thr Leu Val Gly Gly Gly Thr
            420                 425                 430
Gly Pro Ala Ala Gly Thr Arg Ala Thr Thr Cys Thr Pro Ser Pro Thr
        435                 440                 445
Gln Met Arg Leu Met Leu Gln Ser Thr Asp Asp Leu Pro Leu Asn Phe
    450                 455                 460
Gly Phe Thr Gly Lys Gly Ser Ser Ser Lys Pro Asp Glu Leu His Glu
465                 470                 475                 480
Ile Ile Lys Ala Gly Ala Met Gly Leu Lys Leu His Glu Asp Trp Gly
                485                 490                 495
Ser Thr Pro Ala Ala Ile Asp Asn Cys Leu Thr Ile Ala Glu His His
            500                 505                 510
Asp Ile Gln Ile Asn Ile His Thr Asp Thr Leu Asn Glu Ala Gly Phe
        515                 520                 525
Val Glu His Ser Ile Ala Ala Phe Lys Gly Arg Thr Ile His Thr Tyr
    530                 535                 540
His Ser Glu Gly Ala Gly Gly Gly His Ala Pro Asp Ile Ile Lys Val
545                 550                 555                 560
Cys Gly Ile Lys Asn Val Leu Pro Ser Ser Thr Asn Pro Thr Arg Pro
                565                 570                 575
Leu Thr Ser Asn Thr Ile Asp Glu His Leu Asp Met Leu Met Val Cys
            580                 585                 590
His His Leu Asp Arg Glu Ile Pro Glu Asp Leu Ala Phe Ala His Ser
        595                 600                 605
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Arg Ile Arg Lys Lys Thr Ile Ala Ala Glu Asp Val Leu Asn Asp Ile
    610                 615                 620
Gly Ala Ile Ser Ile Ile Ser Ser Asp Ser Gln Ala Met Gly Arg Val
625                 630                 635                 640
Gly Glu Val Ile Ser Arg Thr Trp Gln Thr Ala Asp Lys Met Lys Ala
                645                 650                 655
Gln Thr Gly Pro Leu Lys Cys Asp Ser Ser Asp Asn Asp Asn Phe Arg
            660                 665                 670
Ile Arg Arg Tyr Ile Ala Lys Tyr Thr Ile Asn Pro Ala Ile Ala Asn
        675                 680                 685
Gly Phe Ser Gln Tyr Val Gly Ser Val Glu Val Gly Lys Leu Ala Asp
    690                 695                 700
Leu Val Met Trp Lys Pro Ser Phe Phe Gly Thr Lys Pro Glu Met Val
705                 710                 715                 720
Ile Lys Gly Gly Met Val Ala Trp Ala Asp Ile Gly Asp Pro Asn Ala
                725                 730                 735
Ser Ile Pro Thr Pro Glu Pro Val Lys Met Arg Pro Met Tyr Gly Thr
            740                 745                 750
Leu Gly Lys Ala Gly Gly Ala Leu Ser Ile Ala Phe Val Ser Lys Ala
        755                 760                 765
Ala Leu Asp Gln Arg Val Asn Val Leu Tyr Gly Leu Asn Lys Arg Val
    770                 775                 780
Glu Ala Val Ser Asn Val Arg Lys Leu Thr Lys Leu Asp Met Lys Leu
785                 790                 795                 800
Asn Asp Ala Leu Pro Glu Ile Thr Val Asp Pro Glu Ser Tyr Thr Val
                805                 810                 815
Lys Ala Asp Gly Lys Leu Leu Cys Val Ser Glu Ala Thr Thr Val Pro
            820                 825                 830
Leu Ser Arg Asn Tyr Phe Leu Phe
        835                 840
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